The VOYAGER device must purchased from TRUCKFONE Inc. Authorized dealer
and installed by a TRUCKFONE Inc. approved professional installer

VOYAGER Parts

③
Audio out 3.5 PL

④
Expansion port

②

GPS antenna

①

RF antenna

⑦

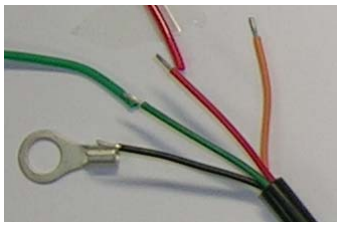
Speaker

⑥

Microphone

⑤

Ignition VCC Mute


GND

Swivel mount

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Phone Layout

Preplanned Accessory Positioning

Positioning of all accessories must be planned in advance before installation begins.

- Ensure that no wire braids go through locations where Phone accessories are to be installed.
- Ensure that any parts of the Voyager will not interfere with the vehicle or its accessories' operation.

Plan Phone and Swivel mount Positions

Note!	The best way to determine the Phone's position to the customer's full satisfaction is to locate it when the customer is beside you and obtain his/her approval.

- Please ensure the Phone's location does not interfere with the vehicle or its accessories operation: it should not interfere with opening the glove compartment or ashtray, should not prevent access to the lighter, moving the gear stick, operating the hand break etc.

Warning!	**Do not install the Phone in front of the vehicle's air bag. This restriction must be adhered to, as in the case of an emergency the air bag blows up and can fail to work properly.**

- Ensure the surface on which this Phone is installed is sufficiently strong to carry the weight and pressure which would be exerted on it.
- When selecting the Phone's location, please ensure the control cable connected to it does not interfere with the vehicle or its accessories' operation.
- Ensure it is safe and convenient to operate the Phone and read the display **from the driver's seat.**
- Ensure the Phone would be protected from direct sunlight and humidity (air conditioner openings).
- Ensure the Phone would be protected from mechanical damage by the car's accessories.

Plan the Microphone's Position

- Install the Voyager's microphone 30-40 cm away from where the driver speaks when he/she is in their normal driving position.
- It is recommended to install the microphone on the right side of the sun visor, away from the vehicle's window and from external sources of noise.
- Install the microphone in a different direction than the speaker so as to avoid echo.

Plan the Speaker's Position

Note!	The speaker and microphone (installed on the sun visor above the driver) must face **different directions.**

Note!	Do not hide the speaker inside the dash board. If you cover it, sound quality will be lowered.

- Locate the speaker at the right side of the main console, at the front of the console, in a location where it would not bother the driver or passengers but would sound best.

Installing the Swivel mount and Phone

Voyager

Swivel mount

Where to Position (Reminder)

Note!	The best way to determine the Phone's position to the customer's full satisfaction is to locate it when the customer is beside you and obtain his/her agreement.

- Please ensure the Phone's location does not interfere with the vehicle or its accessories operation: it should not interfere with opening the glove compartment or ashtray, should not prevent access to the lighter, moving the gear stick, operating the hand break etc.

Warning!	**Do not install the Phone in front of the vehicle's air bag. This restriction must be adhered to, as in the case of an emergency the air bag blows up and can fail to work properly.**

- Ensure the surface on which this Phone is installed is sufficiently strong to carry the weight and pressure which would be exerted on it.
- When selecting the Phone's location, please ensure the control cable connected to it does not interfere with the vehicle or its accessories' operation.
- Ensure it is safe and convenient to operate the Phone and read the display **from the driver's seat.**

- Ensure the Phone would be protected from direct sunlight and humidity (air conditioner openings).
- Ensure the Phone would be protected from mechanical damage by the car's accessories.

Installing the Swivel mount and Phone

1. Disassemble the swivel mount joint from its two base units.
2. Install one of the swivel mount base units in the determined location in the car with 4 tin screws.
3. Install the second swivel mount base unit on the Voyager, using the 4 philips screws provided with this kit.

Note!	Only use the original screws provided with this kit.

4. Connect the swivel mount joint to the two base units. Adjust the angles. Use the screws to connect the swivel mount joint to the base units and fix the swivel mount joint screw.

Installing the Microphone

The microphone is provided with a clip which makes it possible to install it on the sun visor.

Where to Locate the Microphone (Reminder)

- Install the Voyager's microphone 30-40 cm away from where the driver speaks when he/she is in their normal driving position.
- It is recommended to install the microphone on the right side of the sun visor, away from the vehicle's window and from external sources of noise.
- Install the microphone in a different direction than the speaker so as to avoid echo, and ensure there is a distance of at least 1.5 meters between them.

Installing the Microphone

1. Using the clip, install the microphone on the right side of the sun visor.
2. Direct the microphone cable along the sun visor, behind it, so as not to be seen.
3. Continue directing the microphone cable along the left beam on the driver side.
4. Direct the cable under the dash board to the connection point of the cable with the control cable connected to the Phone.

Note!	Ensure the microphone cable and antenna cable are kept away from each other. Ensure the microphone cable is not in contact and does not interfere with the car pedals and steering wheel stick.

5. Connect the microphone cable plug to the correct port on the control cable.

Installing the Speaker

Where to Locate the Speaker (Reminder)

Note!	The speaker and microphone (installed on the sun visor above the driver) must face **different directions.** If the speaker and microphone face each other, this will cause echo.

Note!	Do not hide the speaker inside the dash board. If you cover it, sound quality will be lowered.

- Locate the speaker at the right side of the main console, at the front of the console, in a location where it would not bother the driver or passengers but would sound best.

Installing the Speaker

1. Install the speaker at the right side of the main console, at the front of the console.
2. Disassemble the screws connecting the speaker to the hanger.
3. Install the hanger using the 2 tin screws.

4. Direct the speaker cable behind the mat located at the bottom of the car.
5. Ensure the cable does not interfere with the vehicle or its accessories' operation.
6. Ensure the speaker cable is not exposed to damage by the passengers.

Installing the Electrical Connections

The electrical cable is provided separately from the control cable. Before installation begins, connect the four leads (which include the 3A fuses) using a red or blue crimp sleeve as appropriate.

Warning!	Please note sharp edges or moving parts which may damage the wires. The value for the fuses provided with the kits must not be changed. The kit is appropriate only for a 12V vehicle. In case of converting any other kit model into this kit, please change the power cable.

The electrical cables should be directed as follows:

- So as not to disturb the driver or passengers.
- So as not to pass near the car's sharp or moving parts.

Note!	The external voltage connection is located under the dash board or close to the fuse box (depending on the car model). In new vehicles a cellular phone connection can be found near the fuse box. See the car's user's manual under Info. Only use the kit's original fuses (250V / 3A).

Installing the Voltage Cable

The following chart covers the manner by which the voltage cable should be connected to the car's electrical system.

Wire Color	Function	Must be connected to…	Ensure…
Red	To provide the Voyager with fixed voltage	12V fixed voltage Connect with red fuse case which provided to a fixed voltage source (+)	Ensure a 250V / 3A fuse is used
Black	To provide a fixed minus (-)	Car body (minus)	Ensure the connection point is on the car body only Use a cable shoe, tin screw and springy disc
Green	To turn on the cellular phone after switching the ignition on and turn it off after car ignition is switched off	IGN voltage Connect with green fuse case which provided	Determine the correct point with a voltmeter Ensure a 250V / 3A fuse is used
Orange	To mute the stereo system when accepting a call or dialing	Installation not required	Ensure the connection is made only by an authorized car stereo installation technician

Installing the Cellular Antenna

Where to Locate the Cellular Antenna

- The preferred location for the antenna is on the right side of the windshield.
- If a cell phone or other communication system is installed in the car, please locate the antenna as far away as possible from the other Phone's antenna.
- Install the antenna at least 8 cm from the GPS antenna.

Remember!	Some car models (such as Renault Megan and Renault Kangoo) feature a radiation filter on the windshield. Therefore it is necessary to install the antenna on a side or back window.

Note!	In vehicles with air bags on the beam where the antenna cable passes, the antenna cable should be directed behind or beside the airbag.

Installing the Cellular Antenna

Installing the External Adapter and Antenna Rod

1. Thoroughly clean the location intended for installation on both sides of window using a cloth and detergent. Allow the spot to dry before you continue.
2. Carefully remove the clear plastic cover protecting the external adapter (the antenna base).
3. Locate the adapter on the cleaned location. Ensure the adapter is stably placed in a horizontal position parallel to the window border.
4. Carefully press the antenna base toward the window. Ensure all corners of the adapter are attached to the window and the antenna rod is in a vertical position.

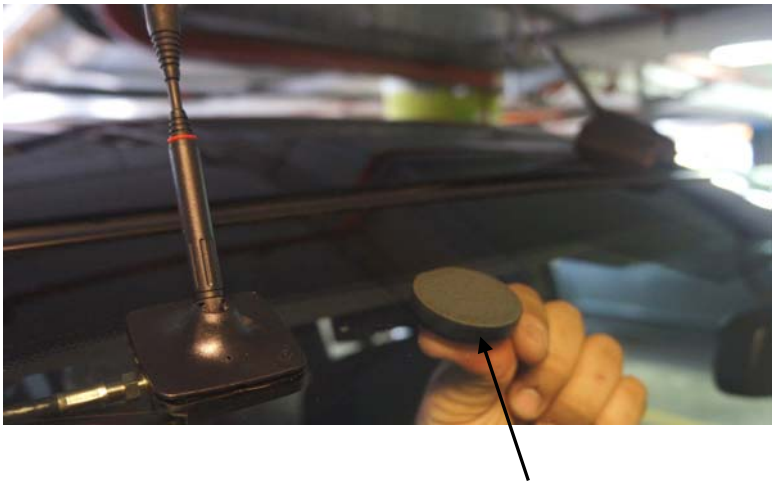
Installing the Internal Adapter and Coaxial Cable

1. Carefully remove the clear plastic cover protecting the internal adapter.
2. Move the adapter, on the inside of the window, toward the antenna base (the external adapter), and direct the adapter so as to fully overlap the base.
3. Carefully press the antenna adapter to the window. Ensure all adapter corners are attached to the window.
4. Direct the antenna's coaxial cable along the car beam. Ensure the antenna cable does not get damaged.

Note!	Do not direct the microphone cable and antenna cable together on the same beam (lintel).

5. When completing the cable's installation and reaching close to the control cable connected to the Phone, please leave approximately 30 cm of additional wire and cut off the unnecessary extra cable.
6. Press a UHF mini connector at the end of the cable. Use the original plug and pressers only.
7. Examine the antenna and cable's proper working order with an efficiency meter.

Installing the GPS Antenna



1. The GPS antenna enables reception of satellite transmissions required for the operation of the navigation application.
2. Attach the GPS antenna to the right side of the windshield, at least 8 cm from the cellular antenna.
3. Remove the antenna's sticker cover and wipe the surface to achieve firm attachment.
4. **Attach the GPS antenna to the golden wire.**

Troubleshooting

Symptom	What to Check	What to Do
No reception	**Check whether connector is correctly connected to the cable** – use an efficiency meter	Replace connector
	Check if internal and external antenna base is correctly attached	Attach antenna base
	Check proper working order of antenna cable	Replace antenna cable
Other party cannot be properly heard	**Check speaker's proper working order**	Replace speaker
	A Phone problem may exist	Replace Phone
	Check speaker location	Change location
User is not heard by the other party	**Check microphone and contacts**	Tighten microphone connector to the Phone
	Check routing of microphone cable	Change routing of microphone cable
	Check microphone's proper working order	Replace microphone
	A Phone problem may exist	Replace Phone
Noise is heard	**Ask whether noise always occurs in specific geographical areas**	Explain that reception trouble sometimes occurs in transition between coverage areas
	Ask whether noise occurs when window is open	Explain that the Phone is an amplifying system that receives all environmental noise, and therefore it is preferable to speak with a closed window
	Check whether microphone and antenna are installed on the same side	If they are, install microphone as per the instructions
	Check whether eye contact exists between speaker and microphone	If it does, change location accordingly
	Check for improper voltage connection – check whether voltages are connected as per instructions	Change voltage source in accordance with instructions
Phone switches on and off by itself	**Check minus (-) connection**	Black wire: connect minus to car body
	Check voltage contacts	Tighten loose contacts
Phone does not switch on after switching on car	**Check fuse. Check connection to voltage source (green cable)**	Replace fuse. Tighten connection to voltage source. Ensure a 250V/3A fuse is used
Phone does not switch off after switching off car	**Check connection to power source (green cable)**	Tighten connection to power source
Phone does not switch on	**Check connection to power source. Check fuse (red cable)**	Replace fuse. Tighten connection to power source